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=> s antisense or (hairpin(a)rna) or (short(a)interfering) or sirna

L1 121304 ANTISENSE OR (HAIRPIN(A) RNA) OR (SHORT(A) INTERFERING) OR SIRNA

=> s plk or plk1 or polo-like(a)kinase

L2 1866 PLK OR PLK1 OR POLO-LIKE(A) KINASE

=> s l1 and l2

L3 153 L1 AND L2

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 71 DUP REM L3 (82 DUPLICATES REMOVED)

=> s l4 and phosphorothioate

L5 10 L4 AND PHOSPHOROTHIOATE

=> s l5 and expression(a)(vector or plasmid)

L6 0 L5 AND EXPRESSION(A) (VECTOR OR PLASMID)

=> d ti so au py l5 1-10

L5 ANSWER 1 OF 10 MEDLINE on STN

TI Apoptosis induction with **polo-like kinase-1**
antisense phosphorothioate oligodeoxynucleotide of colon
cancer cell line SW480.

SO World journal of gastroenterology : WJG, (2005 Aug 7) 11 (29) 4596-9.

Journal code: 100883448. ISSN: 1007-9327.

AU Fan Yu; Zheng Shu; Xu Ze-Feng; Ding Jia-Yi

PY 2005

L5 ANSWER 2 OF 10 MEDLINE on STN

TI Tumor regression by combination **antisense** therapy against
Plk1 and Bcl-2.

SO Oncogene, (2003 Jan 9) 22 (1) 69-80.

Journal code: 8711562. ISSN: 0950-9232.

AU Elez Robert; Piiper Albrecht; Kronenberger Bernd; Kock Martin; Brendel
Martin; Hermann Eva; Pliquet Uwe; Neumann Eberhardt; Zeuzem Stefan

PY 2003

L5 ANSWER 3 OF 10 MEDLINE on STN

TI Downregulation of human **polo-like kinase**
activity by **antisense** oligonucleotides induces growth inhibition
in cancer cells.

SO Oncogene, (2002 May 9) 21 (20) 3162-71.

Journal code: 8711562. ISSN: 0950-9232.

AU Spankuch-Schmitt Birgit; Wolf Georg; Solbach Christine; Loibl Sibylle;
Knecht Rainald; Stegmuller Manfred; von Minckwitz Gunter; Kaufmann
Manfred; Strebhardt Klaus
PY 2002

L5 ANSWER 4 OF 10 MEDLINE on STN
TI Polo-like kinase1, a new target for **antisense** tumor therapy.
SO Biochemical and biophysical research communications, (2000 Mar 16) 269 (2)
352-6.
Journal code: 0372516. ISSN: 0006-291X.
AU Elez R; Piiper A; Giannini C D; Brendel M; Zeuzem S
PY 2000

L5 ANSWER 5 OF 10 MEDLINE on STN
TI Enhanced biological activity of **antisense** oligonucleotides
complexed with glycosylated poly-L-lysine.
SO Molecular pharmacology, (1996 Dec) 50 (6) 1487-94.
Journal code: 0035623. ISSN: 0026-895X.
AU Stewart A J; Pichon C; Meunier L; Midoux P; Monsigny M; Roche A C
PY 1996

L5 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Bcl-2 protooncogene **antisense** oligonucleotide-**polo-**
like kinase 1 antisense oligonucleotide
combination for cancer therapy
SO Ger. Offen., 23 pp.
CODEN: GWXXBX
IN Elez, Robert
PY 2004
2004

L5 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Antisense** oligonucleotides for inhibition of **Plk1**
protein kinase mRNA for treatment of small cell lung and esophageal cancer
SO PCT Int. Appl., 138 pp.
CODEN: PIXXD2
IN Wyatt, Jacqueline R.; Freier, Susan M.
PY 2004
2004
2005
2005
2005

L5 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI RNA and peptide agent **PLK1** inhibitors for inhibiting development
or progress of proliferative diseases, especially cancer, and
pharmaceutical compositions containing them
SO PCT Int. Appl., 123 pp.
CODEN: PIXXD2
IN Strebhardt, Klaus; Spankuch-Schmitt, Birgit; Yuan, Juping
PY 2003
2003
2003
2004
2005

L5 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Methods for specifically inhibiting histone deacetylase-4
SO PCT Int. Appl., 124 pp.
CODEN: PIXXD2
IN Besterman, Jeffrey M.; Bonfils, Claire; Woo, Soon Hyung; Vaisburg,
Arkadii; Delorme, Daniel; Fournel, Marielle; Lavoie, Rico; Li, Zuomei
PY 2002
2003
2002

2002
2003
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2003
2004

L5 ANSWER 10 OF 10 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
TI Targeting the G2/M transition for antitumor therapy.
SO Letters in Drug Design and Discovery, (2005) Vol. 2, No. 4, pp. 274-281.
Refs: 126
ISSN: 1570-1808
AU Yuan J.; Strebhardt K.
PY 2005

=> d his

(FILE 'HOME' ENTERED AT 15:45:43 ON 21 NOV 2005)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 15:45:59 ON 21 NOV 2005
L1 121304 S ANTISENSE OR (HAIRPIN(A)RNA) OR (SHORT(A)INTERFERING) OR SIRM
L2 1866 S PLK OR PLK1 OR POLO-LIKE(A)KINASE
L3 153 S L1 AND L2
L4 71 DUP REM L3 (82 DUPLICATES REMOVED)
L5 10 S L4 AND PHOSPHOROTHIOATE
L6 0 S L5 AND EXPRESSION(A) (VECTOR OR PLASMID)

=> s l4 and py<2002
L7 13 L4 AND PY<2002

=> d ti so au py l7 1-13

L7 ANSWER 1 OF 13 MEDLINE on STN
TI Phosphorylation-dependent proline isomerization catalyzed by Pin1 is essential for tumor cell survival and entry into mitosis.
SO Cell growth & differentiation : molecular biology journal of the American Association for Cancer Research, (2000 Jul) 11 (7) 409-16.
Journal code: 9100024. ISSN: 1044-9523.
AU Rippmann J F; Hobbie S; Daiber C; Guilliard B; Bauer M; Birk J; Nar H; Garin-Chesa P; Rettig W J; Schnapp A
PY 2000

L7 ANSWER 2 OF 13 MEDLINE on STN
TI Polo-like kinase1, a new target for **antisense** tumor therapy.
SO Biochemical and biophysical research communications, (2000 Mar 16) 269 (2) 352-6.
Journal code: 0372516. ISSN: 0006-291X.
AU Elez R; Piiper A; Giannini C D; Brendel M; Zeuzem S
PY 2000

L7 ANSWER 3 OF 13 MEDLINE on STN
TI Enhanced biological activity of **antisense** oligonucleotides complexed with glycosylated poly-L-lysine.
SO Molecular pharmacology, (1996 Dec) 50 (6) 1487-94.
Journal code: 0035623. ISSN: 0026-895X.
AU Stewart A J; Pichon C; Meunier L; Midoux P; Monsigny M; Roche A C
PY 1996

L7 ANSWER 4 OF 13 MEDLINE on STN
TI Sak, a murine protein-serine/threonine kinase that is related to the Drosophila polo kinase and involved in cell proliferation.
SO Proceedings of the National Academy of Sciences of the United States of America, (1994 Jul 5) 91 (14) 6388-92.

Journal code: 7505876. ISSN: 0027-8424.

AU Fode C; Motro B; Yousefi S; Heffernan M; Dennis J W
PY 1994

L7 ANSWER 5 OF 13 MEDLINE on STN

TI Cloning and characterization of human and murine homologues of the
Drosophila polo serine-threonine kinase.

SO Cell growth & differentiation : molecular biology journal of the American
Association for Cancer Research, (1994 Mar) 5 (3) 249-57.
Journal code: 9100024. ISSN: 1044-9523.

AU Hamanaka R; Maloid S; Smith M R; O'Connell C D; Longo D L; Ferris D K
PY 1994

L7 ANSWER 6 OF 13 MEDLINE on STN

TI Identification and cloning of a protein kinase-encoding mouse gene,
Plk, related to the polo gene of Drosophila.

SO Proceedings of the National Academy of Sciences of the United States of
America, (1993 Jun 1) 90 (11) 4882-6.
Journal code: 7505876. ISSN: 0027-8424.

AU Clay F J; McEwen S J; Bertoncello I; Wilks A F; Dunn A R
PY 1993

L7 ANSWER 7 OF 13 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Antitumor activity of an **antisense** oligodeoxynucleotide targeted
against human **polo-like kinase (PLK**
).

SO International Journal of Molecular Medicine, (2000) Vol. 6, No.
Supplement 1, pp. S80. print.

Meeting Info.: Joint Meeting of the 5th World Congress on Advances in
Oncology and the 3rd International Symposium on Molecular Medicine. Crete,
Greece. October 19-21, 2000.
ISSN: 1107-3756.

AU Wolf, Georg [Reprint author]; Spaenkuch-Schmitt, Birgit [Reprint author];
Solbach, Christine [Reprint author]; von Minckwitz, Gunter [Reprint
author]; Loibl, Sibylle [Reprint author]; Kaufmann, Manfred [Reprint
author]; Strebhardt, Klaus [Reprint author]

PY 2000

L7 ANSWER 8 OF 13 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Inhibition of tumour cell proliferation in vitro by **antisense**
oligonucleotides directed against the serine-threonine-kinase **PLK**

SO Pathology Research and Practice, (2000) Vol. 196, No. 6, pp.
352. print.

Meeting Info.: 84th Meeting of the German Society of Pathology. Kiel,
Germany. June 07-10, 2000. German Society of Pathology.
CODEN: PARPDS. ISSN: 0344-0338.

AU Wolf, G. [Reprint author]; Spaenkuch-Schmitt, B.; Grobholz, R. [Reprint
author]; Hildenbrand, R. [Reprint author]; Kaufmann, M.; Strebhardt, K.;
Bleyl, U. [Reprint author]

PY 2000

L7 ANSWER 9 OF 13 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Targeted delivery of **antisense** oligodeoxynucleotides by LPDII.

SO Journal of Liposome Research, (1997) Vol. 7, No. 1, pp. 63-75.
ISSN: 0898-2104.

AU Li, Song; Huang, Leaf [Reprint author]
PY 1997

L7 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2005 ACS on STN

TI Highly effective **antisense** oligodeoxynucleotides against
Polo-like Kinase 1 (Plk-1)

SO Ger. Offen., 8 pp.
CODEN: GWXXBX

IN Elez, Robert

PY 2001

L7 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2005 ACS on STN
TI Nucleic acids and proteins associated with cancer as antitumor targets
SO PCT Int. Appl., 98 pp.
CODEN: PIXXD2
IN Burmer, Glenna C.; Brown, Joseph P.; Pritchard, David
PY 2001
2001
2001

L7 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2005 ACS on STN
TI SIMPL is a tumor necrosis factor-specific regulator of nuclear
factor- κ B activity
SO Journal of Biological Chemistry (2001), 276(11), 7859-7866
CODEN: JBCHA3; ISSN: 0021-9258
AU Vig, Eva; Green, Melissa; Liu, Yuanwen; Yu, Kang-Yeol; Kwon, Hyung-Joo;
Tian, Jun; Goebel, Mark G.; Harrington, Maureen A.
PY 2001

L7 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA molecules encoding human and chicken CTCF (CCCTC-binding factor),
sequences and uses thereof
SO U.S., 37 pp., Cont.-in-part of U.S. Ser. No. 261,680, abandoned.
CODEN: USXXAM
IN Lobanenkova, Victor L.; Neiman, Paul E.; Klenova, Elena M.; Goodwin, Graham
H.; Filippova, Galina N.; Collins, Steven J.; Nicolas, Robert H.
PY 1999
1995

=> log y

COST IN U.S. DOLLARS

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FULL ESTIMATED COST

56.92

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